

CROSS REFERENCE TO RELATED APPLICATIONS

a1 The present application is a divisional of application Serial Number 08/702,665 filed September 5, 1995. --

IN THE CLAIMS:

Please cancel Claims 2, 6, 7, 10, 16, 22, 23 and 27 without prejudice.

Please amend Claims 4, 8, 9, 13, 14, 15, 20, 24, 25 and 29 as follows:

a2 4. (Amended) An isolated nucleic acid molecule according to Claim 3 wherein the IL-11 receptor is of human [or murine] origin.

8. (Amended) An isolated nucleic acid molecule according to Claim 5 wherein the nucleic acid molecule encodes an  $\alpha$ -chain of human IL-11 receptor having an amino acid sequence [as set forth in] comprising SEQ ID NO:5.

a3 9. (Amended) An isolated nucleic acid molecule according to Claim 8 wherein said nucleic acid molecule comprises [a sequence of nucleotides substantially as set forth in] SEQ ID NO:4 or is capable of hybridising thereto under low stringency conditions.

13. (Amended) A recombinant polypeptide comprising [a sequence of amino acids corresponding to] all or a part of mammalian IL-11 receptor  $\alpha$ -chain and containing the amino acid sequence set forth in SEQ ID NO:1:

a4 Trp-Ser-Xaa-Trp-Ser

wherein Xaa is any amino acid.

14. (Amended) A recombinant polypeptide according to Claim 13 wherein the mammal is a human [or murine] species.

a4  
Cont.  
15. (Amended) A recombinant polypeptide according to Claim 14 wherein the polypeptide comprises [the amino acid sequence substantially set forth in] SEQ ID NO:5 or has at least about 40% similarity to all or part thereof.

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~~Claim 20, Line 1, delete "or murine".~~

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24. (Amended) A method according to Claim 21 wherein the genetic sequence encodes an  $\alpha$ -chain of human IL-11 receptor having an amino acid sequence [substantially as set forth in] comprising SEQ ID NO:5 or having at least about 40% similarity to all or part thereof.

a5  
25. (Amended) A method according to Claim 24 wherein said genetic sequence comprises [a sequence of nucleotide substantially as set forth in] SEQ ID NO:4 or is capable of hybridising thereto under low stringency conditions.

a6  
29. (Amended) An oligonucleotide probe according to Claim 26 or 28 selected from the group consisting of SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, or [to] SEQ ID NO:10 or a complementary sequence thereof.